Amendments to the Claims

This listing of claims replaces prior versions:

Claim 1 (currently amended): A method for multicasting an event of interest, the method comprises the steps of:

detecting an occurrence of an event of interest within a received media stream, the detecting including automatically identifying the event of interest based on image analysis or on audio analysis of the media stream according to predefined criteria; and

multicasting at least one media stream of interest that comprises the automatically-identified event of interest.

Claim 2 (original): The method of claim 1 further comprising multicasting the received media stream.

Claim 3 (original): The method of claim 1 further comprising temporarily storing the received media stream.

Claim 4 (original): The method of claim 3 further comprising multicasting the received media stream substantially in parallel with said temporarily storing.

Claim 5 (original): The method of claim 1 wherein the step of detecting comprises analyzing the received media to check a compliance of a received media stream segment with an event detect-ion criterion.

Claim 6 (original): The method of claim 5 wherein the event detection criterion is responsive to a level of noise signal exceeds a threshold.

Claim 7 (original): The method of claim 5 wherein the event detection criterion is responsive to a level of audio signal within predefined frequency.

Claim 8 (original): The method of claim 5 wherein the step of detecting comprises monitoring instant replay requests associated with a certain media stream, said requests being generated within a predefined time window.

Claim 9 (original): The method of claim 5 wherein the step of detecting comprises monitoring media distribution resource allocation.

Claim 10 (original): The method of claim 5 wherein the step of detecting comprises image processing of the received media stream.

Claim 11 (original): The method of claim 1 further comprising a step of notifying a client about an occurrence of an event of interest.

Claim 12 (original): The method of claim 11 wherein the step of notifying comprising displaying at least one symbol.

Claim 13 (original): The method of claim 11 wherein the step of notifying comprises displaying at least one image representative of the event of interest.

Claim 14 (original): The method of claim 11 wherein the step of notifying comprises sending to the client information for allowing the client to tune to a multicast media stream of interest.

Claim 15 (original): The method of claim 11 wherein the method comprises converting a media stream of interest to a sequence of images representative of the media stream of interest, and displaying the sequence of images, whereas the sequence of images is formatted such as to be processed by a client device unit other than a decoder.

Claim 16 (original): The method of claim 15 wherein the sequence of images is displayed at a client device in addition to another media stream.

Claim 17 (original): The method of claim 1 wherein a media stream of interest comprises multiple events of interest that occurred during a predefined period.

Claim 18 (original): The method of claim 1 wherein a media stream of interest comprises multiple events of interest that are associated with a certain channel or program.

Claim 19 (original): The method of claim 1 wherein a media stream of interest comprises multiple events of interest of a certain type.

Claim 20 (original): The method of claim 1 further comprising a step of updating media streams of interest according to update parameters.

Claim 21 (original): The method of claim 1 further comprising a step of updating a media stream of interest in response to client feedback.

Claim 22 (original): The method of claim 1 further comprising a step of updating a media stream of interest in response to client actions.

Claim 23 (original): The method of claim 1 further comprising a step of preventing additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

Claim 24 (original): The method of claim 1 further comprising a step of switching a client device to a multicast preventing additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

Claim 25 (original): The method of claim 11 wherein the client is notified about an event of interest according to notification rules, whereas at least one notification rule is defined by the client.

Claim 26 (original): The method of claim 1 wherein a client receives a first media stream and is notified about an event of interest that occurred in a second media stream.

Claim 27 (currently amended): A system for multicasting an event of interest, the ~~method~~ system comprises:

means for detecting an occurrence of an event of interest within a received media

stream, the detecting including automatically identifying the event of interest based on image

analysis or on audio analysis of the media stream according to predefined criteria; and

       means for multicasting at least one media stream of interest that comprises the

automatically-identified event of interest.

       Claim 28 (original): The system of claim 27 further adapted to multicast the received

media stream.

       Claim 29 (original): The system of claim 27 further comprising means for

temporarily storing the received media stream.

       Claim 30 (original): The system of claim 29 further adapted to multicast the received

media stream substantially in parallel with said temporarily storing.

       Claim 31 (original): The system of claim 27 wherein the detecting means analyze the

received media to check a compliance of a received media stream segment with an event

detection criterion.

       Claim 32 (original): The system of claim 31 wherein the event detection criterion is

responsive to a level of noise signal exceeds a threshold.

       Claim 33 (original): The system of claim 31 wherein the event detection criterion is

responsive to a level of audio signal within predefined frequency.

Claim 34 (original): The system of claim 31 wherein the detection means are monitor instant replay requests associated with a certain media stream, said requests being generated within a predefined time window.

Claim 35 (original): The system of claim 31 wherein the detection means monitor media distribution resource allocation.

Claim 36 (original): The system of claim 31 wherein the detection means image process the received media stream to detect an event of interest.

Claim 37 (original): The system of claim 27 further comprising means for notifying a client about an occurrence of an event of interest.

Claim 38 (original): The system of claim 37 wherein the client is notified by a display of at least one symbol.

Claim 39 (original): The system of claim 37 wherein the client is notified by a display of at least one image representative of the event of interest.

Claim 40 (original): The system of claim 37 wherein notification means send to clients information for allowing the client to tune to a multicast media stream of interest.

Claim 41 (original): The system of claim 37 wherein the system further comprises means for converting a media stream of interest to a sequence of images representative of the media stream of interest, and whereas the means for notifying are operable to notify a client

by a display of a sequence of images, whereas the sequence of images is formatted such as to be processed by a client device unit other than a decoder.

Claim 42 (original): The system of claim 41 wherein the sequence of images is displayed in addition to another media stream.

Claim 43 (original): The system of claim 37 wherein a media stream of interest comprises multiple events of interest that occurred during a predefined period.

Claim 44 (original): The system of claim 37 wherein a media stream of interest comprises multiple events of interest that are associated with a certain channel or program.

Claim 45 (original): The system of claim 37 wherein a media stream of interest comprises multiple events of interest of a certain type.

Claim 46 (original): The system of claim 37 further comprising means for updating media streams of interest according to update parameters.

Claim 47 (original): The system of claim 46 wherein the updating means are responsive to client feedback.

Claim 48 (original): The system of claim 46 wherein the updating means are responsive to client actions.

Claim 49 (original): The system of claim 27 further adapted to prevent additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

Claim 50 (original): The system of claim 27 further adapted to switch a client device to a multicast preventing additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

Claim 51 (original): The system of claim 37 capable of notifying a client about an event of interest according to notification rules, whereas at least one notification rule is defined by the client.

Claim 52 (original): The system of claim 37 capable of notifying a client about an event of interest that occurred in a media stream other than the media stream to which the client device is tuned to.